

REMARKS

Claims 1-79 are currently pending. With the entry of this Preliminary Amendment, claims 1, 5 - 6, 8, 13, 16 - 18, 23, 30 - 32, 34 - 36, 41, 44, 49, 52 - 53, 55, 64, 70, 74, 76, 78, and 80 will be pending. Claims 2 - 4, 7, 9 - 12, 14 - 15, 19 - 22, 24 - 29, 33, 37 - 40, 42 - 43, 45 - 48, 50 - 51, 54, 56 - 63, 65 - 69, 71 - 73, 75, 77, and 79 are canceled, claims 16 -17, 23, 30 - 31, 34, 44, 52 - 53, 55, 64, 70, 74, 76, and 78 are amended, and claim 80 is added.

Support for the amendments can be found throughout the specification and the claims, as originally filed. Support for the currently amended claim 16 can be found, for example, in paragraph 78 on page 21 and in Table 2 (Mature Protein Coords). Support for the currently amended claim 17 can be found, for example, in claims 8 and 17, as originally filed. Support for the currently amended claim 23 can be found, for example, in claims 8 and 23, as originally filed. Support for the currently amended claim 30 can be found, for example, in claims 1 and 30, as originally filed.

Support for the currently amended claim 31 can be found, for example, in paragraph 157 on page 40. Support for the currently amended claim 34 can be found, for example, in claims 23 and 34, as originally filed. Support for the currently amended claim 44 can be found, for example, in claims 8 and 44, as originally filed. Support for the currently amended claim 52 can be found, for example, in claims 1 and 52, as originally filed. Support for the currently amended claim 53 can be found, for example, in claims 8 and 53, as originally filed.

Support for the currently amended claim 55 can be found, for example, in claims 8 and 55, as originally filed. Support for the currently amended claim 64 can be found, for example, in claims 8, 13, 41, and 55, as originally filed. Support for the currently amended claim 70 can be found, for example, in claims 31 and 70, as originally filed. Support for the

currently amended claim 74 can be found, for example, in claims 31 and 74, as originally filed. Support for the currently amended claim 76 can be found, for example, in claims 31 and 76, as originally filed.

Support for the currently amended claim 78 can be found, for example, in claims 31 and 78, as originally filed. Support for new claim 80 can be found, for example, in paragraph 78 on page 21 and in Table 2 (Mature Protein Coords). Accordingly, no new matter has been added by this Preliminary Amendment.

PCT/US05/06473 includes a Sequence Listing. Please incorporate this Sequence Listing by reference, treating it as part of the text of the instant application.

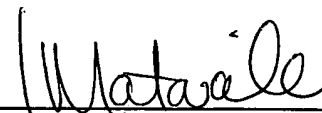
In view of the foregoing amendments and remarks, Applicants respectfully request consideration and examination of this application and the timely allowance of the pending claims. Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: September 1, 2006

By: _____



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